Maryland Historical Trust

Maryland Inventory of Historic Properties number: AL-TT-A-145

Name: DOWNY RD OVER FLINTSTONE CR.

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST

Eligibility Recommended _____ Eligibility Not Recommended __X____

Criteria: ____A ____B ____C ____D Considerations: ___A ___B ___C ___D ___E ___F ___G __None

Comments:_____

_____

_____

Reviewer, OPS: _Anne E. Bruder_____ Date: __3 April 2001____

Reviewer, NR Program: __Peter E. Kurtze_____ Date: __3 April 2001____

Maryland Inventory of Historic Properties MHT Number AL-II-A-145
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

Name and SHA No. Dolly Road over Flintstone Creek/A10400 (A10410)

Location:
Street/Road Name and Number: Dolly Road

City/Town: Flintstone Vicinity x

County: Allegany

Ownership: _State x County_Municipal_Other

This bridge projects over: _Road_Railway x Water_Land

Is the bridge located within a designated district: _yes x no

_NR listed district_NR determined eligible district
_locally designated_other
Name of District_____

Bridge Type:

_Timber Bridge
_Beam Bridge_Truss-Covered_Trestle
_Timber-and-Concrete

_Stone Arch

_Metal Truss

_Movable Bridge
_Swing _Bascule Single Leaf_Bascule Multiple Leaf
_Vertical Lift _Retractile_Pontoon

x Metal Girder
x Rolled Girder _Rolled Girder Concrete Encased
_Plate Girder _Plate Girder Concrete Encased

_Metal Suspension

_Metal Arch

_Metal Cantilever

_Concrete
_Concrete Arch _Concrete Slab_Concrete Beam
_Rigid Frame
_Other Type Name_____

Description:

Describe Setting: A10400 (A10410) carries Dolly Road over Flintstone Creek in Allegany County, Maryland. Dolly Road runs generally east-west at this location; Flintstone Creek flows generally north-south. The bridge is located in a rural wooded area no structures in view. Flintstone Creek has a wooded channel bank in this area.

Describe Superstructure and Substructure: The superstructure is a single span steel multi-beam bridge with an open grid metal deck, metal curb and W-beam guardrails with metal channel posts mounted to the exterior beam. The span length is 23', and the total bridge length is 30'. The superstructure is in good condition and no major repairs were recommended. The substructure is reinforced concrete abutments and wing walls. There is laid field stone along the banks to act as a retaining wall. There is some scour on the abutments and slight undermining at the water level.

Discuss Major Alterations: According to the 1993 county inspection report, "major rehabs are reported to have occurred [to bridge A10400 (A10410)] in 1972. There is no documentary evidence in the files to explain what this rehab entailed. In 1988, the timber deck and curbs were replaced the cracked and spalled areas on the north abutment were filled with grout, rip rap was placed around the base of the abutments on the bank and the guardrails were modified to meet current standards.

History:

When Built: 1930
Why Built: local transportation needs
Who Built:
Why Altered: structural improvements and safety needs
Was this bridge built as part of an organized bridge building campaign: originally yes

Surveyor Analysis:

This bridge may have NR significance for association with:
_A Events _Person
_C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history: no

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area: no

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district: no

Is the bridge a significant example of its type: no

Does the bridge retain integrity of the important elements described in the Context Addendum: It is likely that the 1972 "major rehab" involved alteration and replacement of the superstructure, as well as repairs to the abutments. In 1988, the deck was replaced and repairs were made to the abutments. The substructure does retain some of its original CDE's; however, because of extensive alterations made tot he superstructure (involving primary and secondary CDE modifications) the bridge does not retain its integrity.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why: no

Should this bridge be given further study before significance analysis is made and why: Further study is not warranted for A10400 (A10410) because of extensive structural alterations.

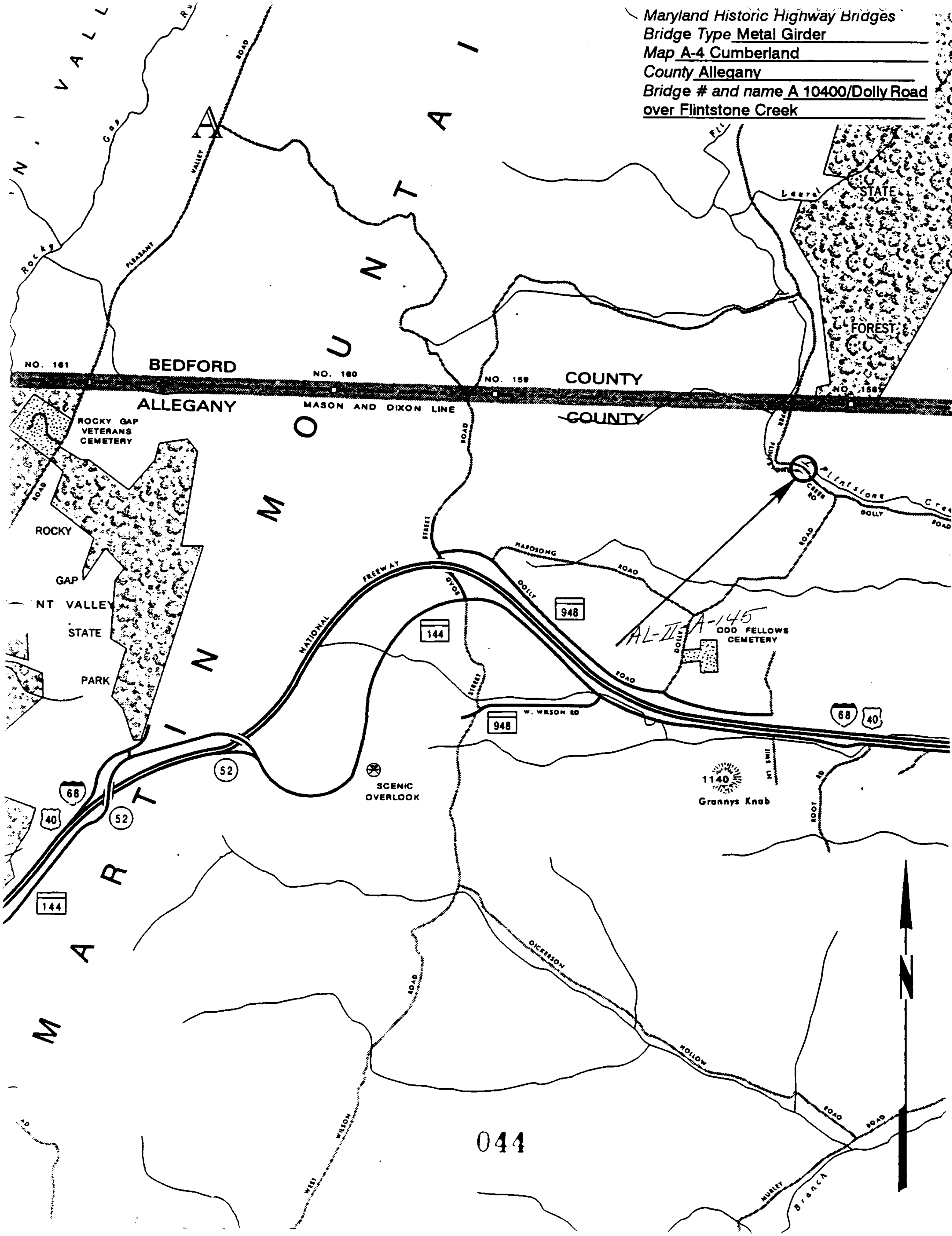
Bibliography:

Allegany County
v.d. Bridge Inspection Files
Greiner, Inc.
1995 Historic Bridge Inventory Form
Spero, P.A.C. & Company, and Louis Berger & Associates
1994 Historic Bridges in Maryland: Historic Bridge Context
United States Geological Survey
1950, 7.5' Flintstone Quadrangle, photorevised 1974

Surveyor:

Name: Stephanie L. Bandy **Date:** September 1995
Organization: State Highway Admin. **Telephone:** (410) 321-2213
Address: 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges
Bridge Type Metal Girder
Map A-4 Cumberland
County Allegany
Bridge # and name A 10400/Dolly Road over Flintstone Creek



AL-II-A-145

BR#20410410 (A10400)
FLINTSTONE CREEK
ALLEGANY CO, MD
DAVID KING
2/3/95
SHA

EAST APPROACH

1 OF 4

AL-II-A-145

BR #20A10410 (A 10400)
FLINTSTONE CREEK
ALLEGANY CO., MD
DAVID KING
2/3/95
SHA

WEST APPROACH

2 OF 4

AL-II-A-145

BR# 20A10410 (A10400)
FLINTSTONE CREEK
ALLEGANY CO., MD
DAVID KING
2/3/95
S.H.A.

NORTH ELEVATION (DOWNSTREAM)

3 OF 4

AL-II-A-145

BR # 20A10410 (A-10400)
FLINTSTONE CREEK
ALLEGANY CO., MD
DAVID KING
2/3/95
SHA

SOUTH ELEVATION (UPSTREAM)

4 OF 4